UTILIZAÇÃO DO "R" NAS PESQUISAS EM CONTABILIDADE

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Histórico de Cotações de Títulos Públicos Federais — Informações sobre Preços do Título (PU)

Table 4. HLM regression results for absolute discretionary accruals.

$$ADAC_{ijk} = (1 + ROTATION_{ijk}) \times (\beta_0 + \beta_1 CPA\_TENURE_{ijk} + \beta_2 BIG_{ijk} + \beta_3 SIZE_{ijk} + \beta_4 GROW_{ijk} + \beta_5 CFO_{ijk} + \beta_6 AGE_{ijk} + \beta_7 CHANGE_{ijk})$$
$$+ \sum INDUSTRY\_DUM + u_{auditfirm_j} + u_{auditpartner_j} + u_{firm_k} + e_{ijk}$$

Variables	CPAA Coefficient	t-value	CPAB Coefficient	t-value	CPAFIRM_TENURE Coefficient	t-value	CPAA & CPAFIRM_TENURE Coefficient	t-value	CPAB & CPAFIRM_TENURE Coefficient	t-value
INTERCEPT	0.178	8.773***	0.180	8.869***	0.161	7.651***	0.161	7.643***	0.161	7.621***
CPAA	−0.001	−0.912					−0.001	−0.242		
CPAB			−0.001	−0.184					0.001	0.268
CPAFIRM_TENURE					−0.001	−3.171***	−0.001	−2.843***	−0.001	−3.077***
BIG	−0.001	−0.119	−0.001	−0.047	−0.001	−0.435	−0.001	−0.393	−0.001	−0.370
SIZE	−0.003	−3.501***	−0.003	−3.645***	−0.002	−2.371***	−0.002	−2.376***	−0.002	−2.385**
GROW	0.028	16.087***	0.028	16.151***	0.028	15.633***	0.027	15.621***	0.028	15.635***
CFO	−0.081	−10.269***	−0.081	−10.267***	−0.081	−10.257***	−0.081	−10.261***	−0.081	−10.255***
AGE	−0.001	−12.213***	−0.001	−12.403***	−0.001	−10.993***	−0.001	−10.960***	−0.001	−10.981***
CHANGE	−0.003	−1.100	−0.003	−1.020	−0.005	−1.640	−0.005	−1.618	−0.005	−1.597
ROTATION	0.028	1.400	0.026	1.331	0.033	1.593	0.037	1.815*	0.037	1.797*
CPAA × ROTATION	−0.001	−2.903***					−0.001	−2.989***		
CPAB × ROTATION			−0.001	−2.428**					−0.002	−2.485**
CPAFIRM_TENURE × ROTATION					0.001	1.758*	0.001	1.745*	0.001	1.816*
BIG × ROTATION	−0.010	−3.144***	−0.010	−3.265***	−0.009	−2.781***	−0.009	−2.846***	−0.009	−2.910***
SIZE × ROTATION	−0.001	−0.881	−0.001	−0.816	−0.001	−1.344	−0.001	−1.383	−0.001	−1.376
GROW × ROTATION	−0.002	−0.957	−0.002	−0.937	−0.001	−0.756	−0.001	−0.808	−0.001	−0.779
CFO × ROTATION	0.013	1.404	0.013	1.414	0.013	1.409	0.013	1.396	0.013	1.401
AGE × ROTATION	0.001	3.388***	0.001	3.474***	0.001	2.903***	0.001	2.887***	0.001	2.904***
CHANGE × ROTATION	0.001	0.090	0.001	0.006	0.001	0.259	0.001	0.337	0.001	0.275
INDUSTRY_DUM	Included		Included		Included		Included		Included	
AIC	−36,850.269		−36,857.923		−36,850.823		−36,834.431		−36,828.763	
Log likelihood	−36,899.923		−36,892.269		−36,892.823		−36,880.431		−36,874.763	
Chi-square	1291.601***		1282.951***		1286.820***		1301.693***		1295.047***	
The proportional change in variance										
Firm	0.372		0.372		0.380		0.379		0.380	
Audit firm	0.416		0.430		0.431		0.425		0.436	
Audit partner	0.720		0.747		0.732		0.694		0.712	
Marginal r^2	0.117		0.117		0.118		0.118		0.118	
Conditional r^2	0.263		0.263		0.262		0.263		0.262	

Notes: ADAC = the absolute value of discretionary accruals; CPAA = audit tenure of lead partner; CPAB = audit tenure of lead and concurrent partner; CPAFIRM_TENURE = audit tenure of the audit firm; BIG = 1 if the company is audited by a Big4 auditor, otherwise 0; SIZE ... company has been established; ROTATION ... the 1%, 5%, and 10% levels are indicated by ...

$$ADAC_{kt} = (1 + \dots CHANGE_{kt})$$

Variables									CPAB & CPAFIRM_TENURE Coefficient	t-value
INTERCEPT									0.120	6.334***
CPAA										
CPAB									0.001	0.888
CPAFIRM_TENURE									−0.001	−3.616***
BIG	0.002	0.775	0.002	0.873	0.001	0.435	0.001	0.472	0.001	0.527
SIZE	−0.004	−5.238***	−0.004	−5.123***	−0.003	−4.391***	−0.003	−4.425***	−0.003	−4.400***
GROW	0.030	9.973***	0.030	10.128***	0.029	10.078***	0.029	10.056***	0.029	10.118***
CFO	−0.092	−2.884**	−0.092	−2.884**	−0.092	−2.910**	−0.092	−2.910**	−0.092	−2.910**
AGE	−0.001	−10.073***	−0.001	−10.171***	−0.001	−9.175***	−0.001	−9.113***	−0.001	−9.164***
CHANGE	−0.002	−0.750	−0.001	−0.610	−0.004	−1.242	−0.004	−1.218	−0.004	−1.159
ROTATION	0.023	1.170	0.023	1.118	0.026	1.369	0.031	1.587	0.032	1.612
CPAA × ROTATION	−0.001	−3.456***					−0.002	−3.524***		
CPAB × ROTATION			−0.002	−2.767**					−0.002	−2.830**
CPAFIRM_TENURE × ROTATION					0.001	1.228	0.001	1.423	0.001	1.429
BIG × ROTATION	−0.010	−2.757**	−0.010	−2.827**	−0.008	−2.272*	−0.009	−2.331*	−0.009	−2.349*
SIZE × ROTATION	−0.001	−0.700	−0.001	−0.641	−0.001	−1.103	−0.001	−1.131	−0.001	−1.148
GROW × ROTATION	−0.002	−0.615	−0.002	−0.617	−0.002	−0.565	−0.002	−0.579	−0.002	−0.572
CFO × ROTATION	0.020	0.596	0.021	0.601	0.020	0.593	0.020	0.592	0.020	0.595
AGE × ROTATION	0.001	2.759**	0.001	2.816**	0.001	2.779**	0.001	2.704**	0.001	2.734**
CHANGE × ROTATION	−0.002	−0.800	−0.002	−0.845	−0.002	−0.605	−0.002	−0.609	−0.002	−0.630
INDUSTRY_DUMMIES	Included		Included		Included		Included		Included	
N	14,561		14,561		14,561		14,561		14,561	
Adj. R^2	0.171		0.171		0.171		0.172		0.172	
F	87.0873		86.6935		88.8666		83.7582		83.4394	

Notes: Standard errors are cluster by firm and year. ADAC = the absolute value of discretionary accruals; CPAA = audit tenure of lead partner; CPAB = audit tenure of lead and concurrent partner; CPAFIRM_TENURE = audit tenure of the audit firm; BIG = 1 if the company is audited by a Big4 auditor, otherwise 0; SIZE = natural logarithm of total assets; GROW = net sales at year t divided by net sales at year $t − 1$; CFO = net operating cash flow divided by lagged total assets; AGE = number of years the company has been established. ROTATION = 0 if year is 2000–2003 and = 1 if year is 2004–2011; CHANGE = 1 for all audit clients if an audit partner switched audit firms during the sample period, otherwise 0. Significance (two tailed) at the 1%, 5%, and 10% levels are indicated by ***, **, and *, respectively.

"SOU DA LINHA 2"
"MINHA PESQUISA É QUALITATIVA"
"NÃO VOU USAR DADOS SECUNDÁRIOS"

- Survey

- Questionário – Google Forms

- Modelagem por Equações Estruturais

- PLS-SEM (*Partial least squares*)

- Regressão Logit/OLS

VERÔNICA PRASS

PROFISSÃO EM TRANSIÇÃO:
PROFISSIONAL DE CONTROLADORIA NO AMBIENTE DA DIGITALIZAÇÃO

Dissertação submetida ao Programa de Pós-Graduação em Controladoria e Contabilidade da Faculdade de Ciências Econômicas da Universidade Federal do Rio Grande do Sul, como requisito parcial para a obtenção do título de Mestra em Controladoria e Contabilidade.

Orientador: Prof. Dr. Everton da Silveira Farias

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"SOU DA LINHA 2"
"MINHA PESQUISA É QUALITATIVA"
"NÃO VOU USAR DADOS SECUNDÁRIOS"

- Survey
- Questionário – Google Forms
- Modelagem por Equações Estruturais
- PLS-SEM (*Partial least squares*)
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A OPINIÃO DO AUDITOR IMPORTA? UM ESTUDO EXPERIMENTAL SOBRE O IMPACTO NA DECISÃO DOS INVESTIDORES NÃO INSTITUCIONAIS

Table 2: Results from Experiment 2

	(1) Any Entry Errors	(2) Correction Errors	(3) Any Entry errors + Attention	(4) Correction errors + Attention
Private	1.159	0.955	0.622	1.020
	(0.235)	(0.144)	(0.181)	(0.220)
	[.467]	[.758]	[.103]	[.928]
Active	0.748	1.085	0.413**	1.155
	(0.151)	(0.164)	(0.119)	(0.243)
	[.151]	[.589]	[.002]	[.493]
Private × active			3.364**	0.879
			(1.373)	(0.265)
			[.003]	[.669]
lnalpha		1.699***		1.698***
		(0.204)		(0.204)
		[.000]		[.000]
Observations	405	405	405	405
Pseudo R^2	0.004	0.000	0.021	0.000
Model	Logit	Neg bin	Logit	Neg bin

Notes: Exponentiated coefficients, standard errors in parentheses, *p*-values in square brackets.
*$p < .1$, **$p < .05$, ***$p < .01$, ****$p < .001$.

Figure 4: Proportion Making Any Data Entry Errors by Public/Private Ownership Status by Active/Passive Attention.

of the public/private treatment on the number of correction errors.

Alternative specifications for both dependent variables (i.e., number of entry errors and any correction errors) are provided in Table A6 in the Appendix. Similar to experiment 1, there was attrition of workers during the work task. This is assessed in Appendix Table A4 and shows no differential attrition between experimental groups. In the same way, as for experiment 1, we report the characteristics of the workers in experiment 2 and ran balance checks. These are reported in Table A2 in the Appendix, the minor differences reaching statistical significance on three of the variables in the balance checks are no more than would be expected by chance when running 27 statistical balance checks across the experiments.

Exploratory Analyses

We undertook an exploratory analysis of relationships between attention paid by workers in the first experiment and

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"VOU ENTÃO FAZER UMA REVISÃO DA LITERATURA"...
..."UM ESTUDO BIBLIOMÉTRICO"

QUE TAL O BIBLIOMETRIX?

- https://qualimetria.paginas.ufsc.br/files/2019/07/Rmeetup_Bibliometrix_Icaro.pdf

Regular article

bibliometrix: An R-tool for comprehensive science mapping analysis

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ABSTRACT

The use of bibliometrics is gradually extending to all disciplines. It is particularly suitable for science mapping at a time when the emphasis on empirical contributions is producing voluminous, fragmented, and controversial research streams. Science mapping is complex and unwieldly because it is multi-step and frequently requires numerous and diverse software tools, which are not all necessarily freeware. Although automated workflows that integrate these software tools into an organized data flow are emerging, in this paper we propose a unique open-source tool, designed by the authors, called *bibliometrix*, for performing comprehensive science mapping analysis. *bibliometrix* supports a recommended workflow to perform bibliometric analyses. As it is programmed in R, the proposed tool is flexible and can be rapidly upgraded and integrated with other statistical R-packages. It is therefore useful in a constantly changing science such as bibliometrics.

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- Python Script
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- D3 Script
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INSTALAÇÃO DO R E R STUDIO

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PRIMEIROS PASSOS DE UMA PESQUISA

Ideia de Pesquisa

Estudo da Literatura

Definição da Metodologia

PERGUNTAS QUE PRECISAM DE RESPOSTA **ANTES** DE IR PARA A ANÁLISE

- Qual o método?

- Qual(is) Variável(is) Explicada(s)?

- Quais Variáveis Explicativas?

- O que preciso controlar?

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PERGUNTAS QUE PRECISAM DE RESPOSTA
ANTES DE IR PARA A ANÁLISE

Onde encontrar as respostas?

- Qual o método?

- Qual(is) Variável(is) Explicada(s)?

- Quais Variáveis Explicativas?

- O que preciso controlar?

PERGUNTAS QUE PRECISAM DE RESPOSTA **ANTES** DE IR PARA A ANÁLISE

- Qual o método?
- Qual(is) Variável(is) Explicada(s)?
- Quais Variáveis Explicativas?
- O que preciso controlar?

Na literatura!

Aquela mesma que você estudou (ou deveria ter estudado) no passo anterior!

TRATAMENTO DE DADOS

TRATAMENTO DE DADOS

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Tema
3 Tratamento de dados contábeis e financeiros (data wrangling).
4 Testes de Hipóteses.
5 Análise de Correlação e Análise de Correspondência.
6 Análise de Regressão (Cross-section).
7 Análise de Regressão (Painel).
8 Análise de Regressão (Logistica, Poisson, Binomial Negativa).
9 Outros modelos de regressão (Diferença em Diferenças e Regressão Descontinua).
10 Regressão Multinível.
11 Introdução ao RMarkdown.
12 APA (6ª e 7ª edição- o que mudou e o que manteve).

Não usa o R porque não dá pra fazer tudo que você precisa?

Nos desafiem a provar que dá sim!

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